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=> file caplus uspatfull japiro medline biosis epfull embase scisearch
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=> s (dosage form)
L1 78501 (DOSAGE FORM)

=> s 11 and opioid and (analges? or (pain killer))
L2 1683 L1 AND OPIOID AND (ANALGES? OR (PAIN KILLER))

=> s 12 and (avers? or marker# or dye or indicator#)
L3 526 L2 AND (AVERS? OR MARKER# OR DYE OR INDICATOR#)

=> s 13 and (tamper? or abus?)
L4 225 L3 AND (TAMPER? OR ABUS?)

=> s 14 and oral?
L5 221 L4 AND ORAL?

=> s 15 and parenteral?
L6 183 L5 AND PARENTERAL?

=> s 16 and nasal?
L7 99 L6 AND NASAL?

=> s 17 and excipient#
L8 87 L7 AND EXCIPIENT#

=> s 18 and (hydromorphone or morphine or hydrocodone or oxycodone or codeine or tramadol)
L9 61 L8 AND (HYDROMORPHONE OR MORPHINE OR HYDROCODONE OR OXYCODONE OR CODEINE OR TRAMADOL)

=> s 19 and (FD&C dye)
L10 1 L9 AND (FD&C DYE)

=> d 110 1 ibib abs

L10 ANSWER 1 OF 1 USPATFULL on STN
ACCESSION NUMBER: 2005:104542 USPATFULL
TITLE: Pharmaceutical formulation containing **dye**
INVENTOR(S): Gruber, Thomas, Rockford, IL, UNITED STATES

	NUMBER	KIND	DATE
PATENT INFORMATION:	US 2005089475	A1	20050428
APPLICATION INFO.:	US 2004-772647	A1	20040204 (10)
RELATED APPLN. INFO.:	Continuation of Ser. No. WO 2002-US24549, filed on 1 Aug 2002, PENDING		

	NUMBER	DATE
PRIORITY INFORMATION:	US 2001-310513P	20010806 (60)
DOCUMENT TYPE:	Utility	
FILE SEGMENT:	APPLICATION	
LEGAL REPRESENTATIVE:	BELL, BOYD & LLOYD LLC, P.O. Box 1135, Chicago, IL, 60690-1135, US	
NUMBER OF CLAIMS:	26	
EXEMPLARY CLAIM:	1	
LINE COUNT:	1358	
AB	Methods and compositions for preventing abuse of dosage forms comprising an opioid analgesic and an aversive agent (e.g., a dye) in an effective amount to deter an abuser from administering a tampered form of the dosage form intravenously, intranasally, and/or orally are revealed.	

=> s 19 and (natural color?)
L11 1 L9 AND (NATURAL COLOR?)

=> d 111 1 ibib abs

L11 ANSWER 1 OF 1 USPATFULL on STN
ACCESSION NUMBER: 2005:104542 USPATFULL
TITLE: Pharmaceutical formulation containing **dye**
INVENTOR(S): Gruber, Thomas, Rockford, IL, UNITED STATES

	NUMBER	KIND	DATE
PATENT INFORMATION:	US 2005089475	A1	20050428
APPLICATION INFO.:	US 2004-772647	A1	20040204 (10)
RELATED APPLN. INFO.:	Continuation of Ser. No. WO 2002-US24549, filed on 1 Aug 2002, PENDING		

	NUMBER	DATE
PRIORITY INFORMATION:	US 2001-310513P	20010806 (60)
DOCUMENT TYPE:	Utility	
FILE SEGMENT:	APPLICATION	
LEGAL REPRESENTATIVE:	BELL, BOYD & LLOYD LLC, P.O. Box 1135, Chicago, IL, 60690-1135, US	
NUMBER OF CLAIMS:	26	
EXEMPLARY CLAIM:	1	
LINE COUNT:	1358	
AB	Methods and compositions for preventing abuse of dosage forms comprising an opioid analgesic and an	

aversive agent (e.g., a dye) in an effective amount to deter an abuser from administering a tampered form of the dosage form intravenously, intranasally, and/or orally are revealed.

=> d his

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FILE 'CAPLUS, USPATFULL, JAPIO, MEDLINE, BIOSIS, EPFULL, EMBASE, SCISEARCH' ENTERED AT 09:27:17 ON 30 APR 2005

L1 78501 S (DOSAGE FORM)
L2 1683 S L1 AND OPIOID AND (ANALGES? OR (PAIN KILLER))
L3 526 S L2 AND (AVERS? OR MARKER# OR DYE OR INDICATOR#)
L4 225 S L3 AND (TAMPER? OR ABUS?)
L5 221 S L4 AND ORAL?
L6 183 S L5 AND PARENTERAL?
L7 99 S L6 AND NASAL?
L8 87 S L7 AND EXCIPIENT#
L9 61 S L8 AND (HYDROMORPHONE OR MORPHINE OR HYDROCODONE OR OXYCODON
L10 1 S L9 AND (FD&C DYE)
L11 1 S L9 AND (NATURAL COLOR?)

=> s 19 and (avers? agent)

L12 8 L9 AND (AVERS? AGENT)

=> d 112 1-8 ibib abs

L12 ANSWER 1 OF 8 USPATFULL on STN

ACCESSION NUMBER: 2005:104542 USPATFULL
TITLE: Pharmaceutical formulation containing **dye**
INVENTOR(S): Gruber, Thomas, Rockford, IL, UNITED STATES

	NUMBER	KIND	DATE
PATENT INFORMATION:	US 2005089475	A1	20050428
APPLICATION INFO.:	US 2004-772647	A1	20040204 (10)
RELATED APPLN. INFO.:	Continuation of Ser. No. WO 2002-US24549, filed on 1 Aug 2002, PENDING		

	NUMBER	DATE
PRIORITY INFORMATION:	US 2001-310513P	20010806 (60)
DOCUMENT TYPE:	Utility	
FILE SEGMENT:	APPLICATION	
LEGAL REPRESENTATIVE:	BELL, BOYD & LLOYD LLC, P.O. Box 1135, Chicago, IL, 60690-1135, US	
NUMBER OF CLAIMS:	26	
EXEMPLARY CLAIM:	1	
LINE COUNT:	1358	

AB Methods and compositions for preventing abuse of dosage forms comprising an **opioid analgesic** and an **aversive agent** (e.g., a **dye**) in an effective amount to deter an **abuser** from administering a **tampered form of the dosage form** intravenously, intranasally, and/or **orally** are revealed.

L12 ANSWER 2 OF 8 USPATFULL on STN

ACCESSION NUMBER: 2004:171393 USPATFULL
TITLE: Sequestering subunit and related compositions and

INVENTOR(S) : methods
Boehm, Garth, Westfield, NJ, UNITED STATES
PATENT ASSIGNEE(S) : ALPHARMA, INC., Fort Lee, NJ, 07024 (U.S. corporation)

	NUMBER	KIND	DATE
PATENT INFORMATION:	US 2004131552	A1	20040708
APPLICATION INFO.:	US 2003-667676	A1	20030922 (10)

	NUMBER	DATE
PRIORITY INFORMATION:	US 2002-412208P	20020920 (60)
DOCUMENT TYPE:	Utility	
FILE SEGMENT:	APPLICATION	
LEGAL REPRESENTATIVE:	LEYDIG VOIT & MAYER, LTD, TWO PRUDENTIAL PLAZA, SUITE 4900, 180 NORTH STETSON AVENUE, CHICAGO, IL, 60601-6780	
NUMBER OF CLAIMS:	38	
EXEMPLARY CLAIM:	1	
LINE COUNT:	2125	

CAS INDEXING IS AVAILABLE FOR THIS PATENT.

AB A sequestering subunit comprising an **aversive agent** and a blocking agent, wherein the blocking agent substantially prevents release of the **aversive agent** from the sequestering subunit in the gastrointestinal tract for a time period that is greater than 24 hours; a composition comprising a sequestering subunit and a therapeutic agent in releasable form, wherein, optionally, the mechanical fragility of the sequestering subunit is the same as the mechanical fragility of the therapeutic agent in releasable form; a capsule or tablet comprising a sequestering subunit and a therapeutic agent; and a method of preventing **abuse** of a therapeutic agent.

CAS INDEXING IS AVAILABLE FOR THIS PATENT.

L12 ANSWER 3 OF 8 USPATFULL on STN
ACCESSION NUMBER: 2003:180358 USPATFULL
TITLE: Pharmaceutical formulation containing **opioid** agonist, **opioid** antagonist and bittering agent
INVENTOR(S) : Oshlack, Benjamin, New York, NY, UNITED STATES
Colucci, Robert, Newtown, CT, UNITED STATES
Wright, Curtis, Norwalk, CT, UNITED STATES
Breder, Christopher, Greenwich, CT, UNITED STATES

	NUMBER	KIND	DATE
PATENT INFORMATION:	US 2003124185	A1	20030703
APPLICATION INFO.:	US 2002-213921	A1	20020806 (10)

	NUMBER	DATE
PRIORITY INFORMATION:	US 2001-310516P	20010806 (60)
DOCUMENT TYPE:	Utility	
FILE SEGMENT:	APPLICATION	
LEGAL REPRESENTATIVE:	DAVIDSON, DAVIDSON & KAPPEL, LLC, 485 SEVENTH AVENUE, 14TH FLOOR, NEW YORK, NY, 10018	
NUMBER OF CLAIMS:	25	
EXEMPLARY CLAIM:	1	
LINE COUNT:	2736	

CAS INDEXING IS AVAILABLE FOR THIS PATENT.

AB Disclosed in certain embodiments is an **oral dosage** form comprising a therapeutically effective amount of an **opioid analgesic**; an **opioid antagonist**; and

a bittering agent in an effective amount to impart a bitter taste to an abuser upon administration of the dosage form after tampering.

CAS INDEXING IS AVAILABLE FOR THIS PATENT.

L12 ANSWER 4 OF 8 USPATFULL on STN

ACCESSION NUMBER: 2003:99288 USPATFULL

TITLE: Pharmaceutical formulation containing opioid agonist, opioid antagonist and irritant

INVENTOR(S): Sackler, Richard, Greenwich, CT, UNITED STATES

NUMBER	KIND	DATE
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PATENT INFORMATION:	US 2003068392	A1 20030410
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APPLICATION INFO.:	US 2002-214409	A1 20020806 (10)
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NUMBER	DATE
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PRIORITY INFORMATION:	US 2001-310515P	20010806 (60)
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DOCUMENT TYPE: Utility

FILE SEGMENT: APPLICATION

LEGAL REPRESENTATIVE: DAVIDSON, DAVIDSON & KAPPEL, LLC, 485 SEVENTH AVENUE, 14TH FLOOR, NEW YORK, NY, 10018

NUMBER OF CLAIMS: 24

EXEMPLARY CLAIM: 1

LINE COUNT: 2734

CAS INDEXING IS AVAILABLE FOR THIS PATENT.

AB Disclosed in certain embodiments is an oral dosage form comprising: a therapeutically effective amount of an opioid analgesic; an opioid antagonist; and an irritant in an effective amount to impart an irritating sensation to an abuser upon administration of the dosage form after tampering.

CAS INDEXING IS AVAILABLE FOR THIS PATENT.

L12 ANSWER 5 OF 8 USPATFULL on STN

ACCESSION NUMBER: 2003:99271 USPATFULL

TITLE: Pharmaceutical formulation containing gelling agent

INVENTOR(S): Wright, Curtis, Norwalk, CT, UNITED STATES

Oshlack, Benjamin, New York, NY, UNITED STATES

Breder, Christopher, Greenwich, CT, UNITED STATES

NUMBER	KIND	DATE
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PATENT INFORMATION:	US 2003068375	A1 20030410
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APPLICATION INFO.:	US 2002-214412	A1 20020806 (10)
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NUMBER	DATE
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PRIORITY INFORMATION:	US 2001-310534P	20010806 (60)
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DOCUMENT TYPE: Utility

FILE SEGMENT: APPLICATION

LEGAL REPRESENTATIVE: DAVIDSON, DAVIDSON & KAPPEL, LLC, 485 SEVENTH AVENUE, 14TH FLOOR, NEW YORK, NY, 10018

NUMBER OF CLAIMS: 40

EXEMPLARY CLAIM: 1

LINE COUNT: 2488

CAS INDEXING IS AVAILABLE FOR THIS PATENT.

AB Disclosed in certain embodiments is a controlled release oral dosage form comprising a therapeutically effective amount of a drug susceptible to abuse together with one or

more pharmaceutically acceptable **excipients**; the **dosage form** further including a gelling agent in an effective amount to impart a viscosity unsuitable for administration selected from the group consisting of **parenteral** and **nasal** administration to a solubilized mixture formed when the **dosage form** is crushed and mixed with from about 0.5 to about 10 ml of an aqueous liquid; the **dosage form** providing a therapeutic effect for at least about 12 hours when **orally** administered to a human patient.

CAS INDEXING IS AVAILABLE FOR THIS PATENT.

L12 ANSWER 6 OF 8 USPATFULL on STN

ACCESSION NUMBER: 2003:99267 USPATFULL

TITLE: Pharmaceutical formulation containing **opioid** agonist, **opioid** antagonist and gelling agent

INVENTOR(S): Oshlack, Benjamin, New York, NY, UNITED STATES
Wright, Curtis, Norwalk, CT, UNITED STATES
Breder, Christopher, Greenwich, CT, UNITED STATES

	NUMBER	KIND	DATE
PATENT INFORMATION:	US 2003068371	A1	20030410
APPLICATION INFO.:	US 2002-214413	A1	20020806 (10)

	NUMBER	DATE
PRIORITY INFORMATION:	US 2001-310537P	20010806 (60)
DOCUMENT TYPE:	Utility	
FILE SEGMENT:	APPLICATION	
LEGAL REPRESENTATIVE:	Davidson, Davidson & Kappel, LLC, 14th Floor, 485 Seventh Avenue, New York, NY, 10018	

NUMBER OF CLAIMS: 32

EXEMPLARY CLAIM: 1

LINE COUNT: 2811

CAS INDEXING IS AVAILABLE FOR THIS PATENT.

AB Disclosed in certain embodiments is an **oral dosage** **form** comprising a therapeutically effective amount of an **opioid analgesic**, an **opioid** antagonist and one or more pharmaceutically acceptable **excipients**; the **dosage form** further including a gelling agent in an effective amount to impart a viscosity unsuitable for administration selected from the group consisting of **parenteral** and **nasal** administration to a solubilized mixture formed when the **dosage form** is crushed and mixed with from about 0.5 to about 10 ml of an aqueous liquid.

CAS INDEXING IS AVAILABLE FOR THIS PATENT.

L12 ANSWER 7 OF 8 USPATFULL on STN

ACCESSION NUMBER: 2003:99266 USPATFULL

TITLE: Pharmaceutical formulation containing irritant

INVENTOR(S): Sackler, Richard, Greenwich, CT, UNITED STATES

	NUMBER	KIND	DATE
PATENT INFORMATION:	US 2003068370	A1	20030410
APPLICATION INFO.:	US 2002-214410	A1	20020806 (10)

	NUMBER	DATE
PRIORITY INFORMATION:	US 2001-310535P	20010806 (60)
DOCUMENT TYPE:	Utility	

FILE SEGMENT: APPLICATION
LEGAL REPRESENTATIVE: DAVIDSON, DAVIDSON & KAPPEL, LLC, 485 SEVENTH AVENUE,
14TH FLOOR, NEW YORK, NY, 10018
NUMBER OF CLAIMS: 28
EXEMPLARY CLAIM: 1
LINE COUNT: 2382

CAS INDEXING IS AVAILABLE FOR THIS PATENT.

AB Disclosed in certain embodiments is an **oral dosage** form comprising a therapeutically effective amount of a drug susceptible to **abuse**; and an effective amount of an irritant to impart an irritating sensation to an **abuser** upon administration of said **dosage form** after **tampering**.

CAS INDEXING IS AVAILABLE FOR THIS PATENT.

L12 ANSWER 8 OF 8 USPATFULL on STN

ACCESSION NUMBER: 2003:92741 USPATFULL.
TITLE: Pharmaceutical formulation containing bittering agent
INVENTOR(S): Oshlack, Benjamin, New York, NY, UNITED STATES
Colucci, Robert, Newtown, CT, UNITED STATES
Wright, Curtis, Norwalk, CT, UNITED STATES
Breder, Christopher, Greenwich, CT, UNITED STATES

	NUMBER	KIND	DATE
PATENT INFORMATION:	US 2003064099	A1	20030403
APPLICATION INFO.:	US 2002-213920	A1	20020806 (10)

	NUMBER	DATE
PRIORITY INFORMATION:	US 2001-310514P	20010806 (60)
DOCUMENT TYPE:	Utility	
FILE SEGMENT:	APPLICATION	
LEGAL REPRESENTATIVE:	DAVIDSON, DAVIDSON & KAPPEL, LLC, 485 SEVENTH AVENUE, 14TH FLOOR, NEW YORK, NY, 10018	
NUMBER OF CLAIMS:	28	
EXEMPLARY CLAIM:	1	
LINE COUNT:	2389	

CAS INDEXING IS AVAILABLE FOR THIS PATENT.

AB Disclosed in certain embodiments is an **oral dosage** form comprising a therapeutically effective amount of a drug susceptible to **abuse**; and an effective amount of a bittering agent to impart a bitter taste to an **abuser** upon administration of said **dosage form** after **tampering**.

CAS INDEXING IS AVAILABLE FOR THIS PATENT.

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COST IN U.S. DOLLARS

	SINCE FILE	TOTAL
	ENTRY	SESSION
FULL ESTIMATED COST	0.21	0.21

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=> s tablet and dye
L1 13741 TABLET AND DYE

=> s 11 and (FD&C dye)
L2 27 L1 AND (FD&C DYE)

=> s 16 and ((grape skin extract) or (beet red powder) or (betacarotene) or annato
or carmine or turmeric or paprika)
UNMATCHED RIGHT PARENTHESIS 'PAPRIKA'))'
The number of right parentheses in a query must be equal to the
number of left parentheses.

=> s 16 and ((grape skin extract) or (beet red powder) or (betacarotene) or annato
or carmine or turmeric or paprika)
L6 NOT FOUND

The L-number entered could not be found. To see the definition
of L-numbers, enter DISPLAY HISTORY at an arrow prompt (>).

=> s 12 and ((grape skin extract) or (beet red powder) or (betacarotene) or annato
or carmine or turmeric or paprika)
L3 6 L2 AND ((GRAPE SKIN EXTRACT) OR (BEET RED POWDER) OR (BETACAROT
ENE) OR ANNATO OR CARMINE OR TURMERIC OR PAPRIKA)

=> d 13 1-6 ibib abs

L3 ANSWER 1 OF 6 USPATFULL on STN
ACCESSION NUMBER: 2005:104542 USPATFULL
TITLE: Pharmaceutical formulation containing dye
INVENTOR(S): Gruber, Thomas, Rockford, IL, UNITED STATES

NUMBER	KIND	DATE
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PATENT INFORMATION: US 2005089475 A1 20050428
APPLICATION INFO.: US 2004-772647 A1 20040204 (10)
RELATED APPLN. INFO.: Continuation of Ser. No. WO 2002-US24549, filed on 1 Aug 2002, PENDING

	NUMBER	DATE
PRIORITY INFORMATION:	US 2001-310513P	20010806 (60)
DOCUMENT TYPE:	Utility	
FILE SEGMENT:	APPLICATION	
LEGAL REPRESENTATIVE:	BELL, BOYD & LLOYD LLC, P.O. Box 1135, Chicago, IL, 60690-1135, US	
NUMBER OF CLAIMS:	26	
EXEMPLARY CLAIM:	1	
LINE COUNT:	1358	
AB	Methods and compositions for preventing abuse of dosage forms comprising an opioid analgesic and an aversive agent (e.g., a dye) in an effective amount to deter an abuser from administering a tampered form of the dosage form intravenously, intranasally, and/or orally are revealed.	

L3 ANSWER 2 OF 6 USPATFULL on STN
ACCESSION NUMBER: 2002:307574 USPATFULL
TITLE: Compositions and methods for treating hair loss using non-naturally occurring prostaglandins
INVENTOR(S): DeLong, Michell Anthony, West Chester, OH, UNITED STATES
McIver, John McMillan, Cincinnati, OH, UNITED STATES
Youngquist, Robert Scott, Mason, OH, UNITED STATES

	NUMBER	KIND	DATE
PATENT INFORMATION:	US 2002172693	A1	20021121
APPLICATION INFO.:	US 2001-774557	A1	20010131 (9)
PRIORITY INFORMATION:	US 2000-193645P	20000331 (60)	
DOCUMENT TYPE:	Utility		
FILE SEGMENT:	APPLICATION		
LEGAL REPRESENTATIVE:	Catherine U. Brown, The Procter & Gamble Company, Miami Valley Laboratories, P.O. Box 538707, Cincinnati, OH, 45253-8707		
NUMBER OF CLAIMS:	32		
EXEMPLARY CLAIM:	1		
LINE COUNT:	2198		
CAS INDEXING IS AVAILABLE FOR THIS PATENT.			
AB	A method for treating hair loss in mammals uses compositions containing prostaglandin F analogs. The compositions can be applied topically to the skin. The compositions can arrest hair loss, reverse hair loss, and promote hair growth.		

CAS INDEXING IS AVAILABLE FOR THIS PATENT.

L3 ANSWER 3 OF 6 USPATFULL on STN
ACCESSION NUMBER: 2002:265567 USPATFULL
TITLE: Compositions and methods for treating hair loss using oximyl and hydroxylamino prostaglandins
INVENTOR(S): DeLong, Michell Anthony, West Chester, OH, UNITED STATES
McIver, John McMillan, Cincinnati, OH, UNITED STATES

Youngquist, Robert Scott, Mason, OH, UNITED STATES

	NUMBER	KIND	DATE
PATENT INFORMATION:	US 2002146439	A1	20021010
APPLICATION INFO.:	US 2001-774556	A1	20010131 (9)

	NUMBER	DATE
PRIORITY INFORMATION:	US 2000-193844P	20000331 (60)
DOCUMENT TYPE:	Utility	
FILE SEGMENT:	APPLICATION	
LEGAL REPRESENTATIVE:	Catherine U. Brown, The Procter & Gamble Company, Miami Valley Laboratories, P.O. Box 538707, Cincinnati, OH, 45253-8707	
NUMBER OF CLAIMS:	51	
EXEMPLARY CLAIM:	1	
LINE COUNT:	1981	
CAS INDEXING IS AVAILABLE FOR THIS PATENT.		
AB	A method for treating hair loss in mammals uses compositions containing prostaglandins analogs. The compositions can be applied topically to the skin. The compositions can arrest hair loss, reverse hair loss, and promote hair growth.	

CAS INDEXING IS AVAILABLE FOR THIS PATENT.

L3 ANSWER 4 OF 6 USPATFULL on STN
ACCESSION NUMBER: 2002:67261 USPATFULL
TITLE: Compositions and methods for treating hair loss using C16-C20 aromatic tetrahydro prostaglandins
INVENTOR(S): Delong, Mitchell Anthony, West Chester, OH, UNITED STATES
McIver, John McMillan, Cincinnati, OH, UNITED STATES
Youngquist, Robert Scott, Mason, OH, UNITED STATES

	NUMBER	KIND	DATE
PATENT INFORMATION:	US 2002037914	A1	20020328
APPLICATION INFO.:	US 2001-774556	A1	20010131 (9)

	NUMBER	DATE
PRIORITY INFORMATION:	US 2000-193846P	20000331 (60)
DOCUMENT TYPE:	Utility	
FILE SEGMENT:	APPLICATION	
LEGAL REPRESENTATIVE:	Catherine U. Brown, The Procter & Gamble Company, Miami Valley Laboratories, P. O. Box 538707, Cincinnati, OH, 45253-8707	
NUMBER OF CLAIMS:	44	
EXEMPLARY CLAIM:	1	
LINE COUNT:	1904	
CAS INDEXING IS AVAILABLE FOR THIS PATENT.		
AB	A method for treating hair loss in mammals uses compositions containing prostaglandin F analogs. The compositions can be applied topically to the skin. The compositions can arrest hair loss, reverse hair loss, and promote hair growth.	

CAS INDEXING IS AVAILABLE FOR THIS PATENT.

L3 ANSWER 5 OF 6 USPATFULL on STN
ACCESSION NUMBER: 2002:22458 USPATFULL
TITLE: Cosmetic and pharmaceutical compositions and methods using 2-decarboxy-2-phosphinico derivatives

INVENTOR(S) : DeLong, Mitchell Anthony, West Chester, OH, UNITED STATES
McIver, John McMillan, Cincinnati, OH, UNITED STATES
Youngquist, Robert Scott, Mason, OH, UNITED STATES

	NUMBER	KIND	DATE
PATENT INFORMATION:	US 2002013294	A1	20020131
APPLICATION INFO.:	US 2001-774558	A1	20010131 (9)

	NUMBER	DATE
PRIORITY INFORMATION:	US 2000-193845P	20000331 (60)
DOCUMENT TYPE:	Utility	
FILE SEGMENT:	APPLICATION	
LEGAL REPRESENTATIVE:	THE PROCTER & GAMBLE COMPANY, PATENT DIVISION, IVORYDALE TECHNICAL CENTER - BOX 474, 5299 SPRING GROVE AVENUE, CINCINNATI, OH, 45217	
NUMBER OF CLAIMS:	30	
EXEMPLARY CLAIM:	1	
LINE COUNT:	1847	
CAS INDEXING IS AVAILABLE FOR THIS PATENT.		
AB	A method for treating hair loss in mammals uses compositions containing 2-decarboxy-2-phosphinico prostaglandin derivatives. The compositions can be applied topically to the skin. The compositions can arrest hair loss, reverse hair loss, and promote hair growth. Compositions containing 2-decarboxy-2-phosphinico prostaglandin derivatives can also be used to lower intraocular pressure and treat bone disorders.	

CAS INDEXING IS AVAILABLE FOR THIS PATENT.

L3 ANSWER 6 OF 6 USPATFULL on STN
ACCESSION NUMBER: 97:36166 USPATFULL
TITLE: Oral hygiene compositions comprising heteroatom containing alkyl aldonamide compounds
INVENTOR(S) : Vermeer, Robert, Nutley, NJ, United States
PATENT ASSIGNEE(S) : Lever Brothers Company, Division of Conopco, Inc., New York, NY, United States (U.S. corporation)

	NUMBER	KIND	DATE
PATENT INFORMATION:	US 5624906		19970429
APPLICATION INFO.:	US 1994-351930		19941208 (8)
DOCUMENT TYPE:	Utility		
FILE SEGMENT:	Granted		
PRIMARY EXAMINER:	Kight, John		
ASSISTANT EXAMINER:	Lee, Howard C.		
LEGAL REPRESENTATIVE:	Koatz, Ronald A.		
NUMBER OF CLAIMS:	24		
EXEMPLARY CLAIM:	1		
LINE COUNT:	5216		

CAS INDEXING IS AVAILABLE FOR THIS PATENT.

AB The present invention is related to new oral hygiene compositions that have improved foam, viscosity, clarity and good taste due to the inclusion of a new type of alkyl aldonamide compound, specifically heteroatom containing alkyl aldonamide compounds.

CAS INDEXING IS AVAILABLE FOR THIS PATENT.

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=> s Opioid and (oral dosage)
L1 748 OPIOID AND (ORAL DOSAGE)

=> s l1 and (morphine or hydromorphone or hydrocodone or oxycodone or codeine or
tramadol)
L2 429 L1 AND (MORPHONE OR HYDROMORPHONE OR HYDROCODONE OR OXYCODONE
OR CODEINE OR TRAMADOL)

=>
<-----User Break----->

=> s l1 and (morphine or hydromorphone or hydrocodone or oxycodone or codeine or
tramadol)
L3 429 L1 AND (MORPHONE OR HYDROMORPHONE OR HYDROCODONE OR OXYCODONE
OR CODEINE OR TRAMADOL)

=> s l3 and ((FD&C dye) or (FD&C lake))
L4 1 L3 AND ((FD&C DYE) OR (FD&C LAKE))

=> d l4 1 ibib abs

L4 ANSWER 1 OF 1 USPATFULL on STN
ACCESSION NUMBER: 2005:104542 USPATFULL
TITLE: Pharmaceutical formulation containing dye
INVENTOR(S): Gruber, Thomas, Rockford, IL, UNITED STATES

	NUMBER	KIND	DATE
PATENT INFORMATION:	US 2005089475	A1	20050428
APPLICATION INFO.:	US 2004-772647	A1	20040204 (10)
RELATED APPLN. INFO.:	Continuation of Ser. No. WO 2002-US24549, filed on 1		

Aug 2002, PENDING

	NUMBER	DATE
PRIORITY INFORMATION:	US 2001-310513P	20010806 (60)
DOCUMENT TYPE:	Utility	
FILE SEGMENT:	APPLICATION	
LEGAL REPRESENTATIVE:	BELL, BOYD & LLOYD LLC, P.O. Box 1135, Chicago, IL, 60690-1135, US	
NUMBER OF CLAIMS:	26	
EXEMPLARY CLAIM:	1	
LINE COUNT:	1358	
AB	Methods and compositions for preventing abuse of dosage forms comprising an opioid analgesic and an aversive agent (e.g., a dye) in an effective amount to deter an abuser from administering a tampered form of the dosage form intravenously, intranasally, and/or orally are revealed.	

=> s 13 and ((grape skin extract) or (beet red powder) or betacarotene or anato or carmine or turmeric or paprika)

L5 12 L3 AND ((GRAPE SKIN EXTRACT) OR (BEET RED POWDER) OR BETACAROTENE OR ANATO OR CARMINE OR TURMERIC OR PAPRIKA)

=> s 15 and (caramel or (ferric oxide))

L6 9 L5 AND (CARAMEL OR (FERRIC OXIDE))

=> d 16 1-9 ibib abs

L6 ANSWER 1 OF 9 USPATFULL on STN

ACCESSION NUMBER: 2005:104542 USPATFULL

TITLE: Pharmaceutical formulation containing dye

INVENTOR(S): Gruber, Thomas, Rockford, IL, UNITED STATES

	NUMBER	KIND	DATE
PATENT INFORMATION:	US 2005089475	A1	20050428
APPLICATION INFO.:	US 2004-772647	A1	20040204 (10)
RELATED APPLN. INFO.:	Continuation of Ser. No. WO 2002-US24549, filed on 1 Aug 2002, PENDING		

NUMBER

DATE

PRIORITY INFORMATION:	US 2001-310513P	20010806 (60)
DOCUMENT TYPE:	Utility	
FILE SEGMENT:	APPLICATION	
LEGAL REPRESENTATIVE:	BELL, BOYD & LLOYD LLC, P.O. Box 1135, Chicago, IL, 60690-1135, US	
NUMBER OF CLAIMS:	26	
EXEMPLARY CLAIM:	1	
LINE COUNT:	1358	
AB	Methods and compositions for preventing abuse of dosage forms comprising an opioid analgesic and an aversive agent (e.g., a dye) in an effective amount to deter an abuser from administering a tampered form of the dosage form intravenously, intranasally, and/or orally are revealed.	

L6 ANSWER 2 OF 9 USPATFULL on STN

ACCESSION NUMBER: 2005:44329 USPATFULL

TITLE: Methods and materials for the treatment of pain comprising **opioid** antagonists

INVENTOR(S) : Burns, Lindsay H., San Francisco, CA, UNITED STATES
Schoenhard, Grant L., San Carlos, CA, UNITED STATES

	NUMBER	KIND	DATE
PATENT INFORMATION:	US 2005038062	A1	20050217
APPLICATION INFO.:	US 2004-825257	A1	20040414 (10)

	NUMBER	DATE
PRIORITY INFORMATION:	US 2003-463004P	20030414 (60)
DOCUMENT TYPE:	Utility	
FILE SEGMENT:	APPLICATION	
LEGAL REPRESENTATIVE:	Janet M. McNicholas, Ph.D., McAndrews, Held & Malloy, Ltd., 34th Floor, 500 West Madison Street, Chicago, IL, 60661	
NUMBER OF CLAIMS:	272	
EXEMPLARY CLAIM:	1	
LINE COUNT:	2752	

CAS INDEXING IS AVAILABLE FOR THIS PATENT.

AB Methods and compositions for treating subjects with pain, including neuropathic pain, using **opioid** antagonists or combinations of **opioid** antagonists and **opioid** agonists, including, for example, wherein the amount of an **opioid** antagonist enhances the neuropathic pain-alleviating potency of an **opioid** agonist.

CAS INDEXING IS AVAILABLE FOR THIS PATENT.

L6 ANSWER 3 OF 9 USPATFULL on STN
ACCESSION NUMBER: 2004:291838 USPATFULL
TITLE: Dosage form having a saccharide matrix
INVENTOR(S): Houghton, Christian G., Gentofte, DENMARK
Lundgaard, Annette R., Soborg, DENMARK
PATENT ASSIGNEE(S): ALK-Abello A/S, Horsholm, DENMARK (non-U.S. corporation)

	NUMBER	KIND	DATE
PATENT INFORMATION:	US 2004228919	A1	20041118
APPLICATION INFO.:	US 2004-785698	A1	20040223 (10)

	NUMBER	DATE
PRIORITY INFORMATION:	DK 2003-318	20030228
	US 2003-465383P	20030425 (60)
DOCUMENT TYPE:	Utility	
FILE SEGMENT:	APPLICATION	
LEGAL REPRESENTATIVE:	DARBY & DARBY P.C., P. O. BOX 5257, NEW YORK, NY, 10150-5257	
NUMBER OF CLAIMS:	62	
EXEMPLARY CLAIM:	1	
LINE COUNT:	1947	

CAS INDEXING IS AVAILABLE FOR THIS PATENT.

AB The present invention provides a non-compressed fast-dispersing solid dosage form suitable for oromucosal administration of a pharmaceutically active substance comprising

- (a) a first matrix forming agent in the form of maltodextrin having a dextrose equivalent (DE) of between 1 and 20,
- (b) a second matrix forming agent in the form of sorbitol, and
- (c) the active substance.

CAS INDEXING IS AVAILABLE FOR THIS PATENT.

L6 ANSWER 4 OF 9 USPATFULL on STN

ACCESSION NUMBER: 2004:291722 USPATFULL
TITLE: Drug formulations having reduced abuse potential
INVENTOR(S): Chang, Rong-Kun, Rockville, MD, UNITED STATES
Couch, Richard A., Chevy Chase, MD, UNITED STATES
Burnside, Beth A., Bethesda, MD, UNITED STATES

	NUMBER	KIND	DATE
PATENT INFORMATION:	US 2004228802	A1	20041118
APPLICATION INFO.:	US 2003-435597	A1	20030512 (10)
DOCUMENT TYPE:	Utility		
FILE SEGMENT:	APPLICATION		
LEGAL REPRESENTATIVE:	The Farragut Building, Suite 710, 900 17th Street NW, Washington, DC, 20006		
NUMBER OF CLAIMS:	43		
EXEMPLARY CLAIM:	1		
NUMBER OF DRAWINGS:	1 Drawing Page(s)		
LINE COUNT:	853		

CAS INDEXING IS AVAILABLE FOR THIS PATENT.

AB Drug formulations having reduced abuse potential which contain one or more of (1) a bittering agent, (2) a bright deterrent/indicator dye and (3) fine insoluble particulate matter. The bittering agent and dye are in a form which does not affect proper administration of the drug, but the bittering agent creates a bitter side effect when the dosage form is crushed or chemically extracted and nasally, orally, buccally or sublingually administered and the dye produces a bright color when crushed and contacted. The fine insoluble particulate matter hinders extraction of the drug from the dosage form and, when crushed, can deter intravenous injection because of the presence of the insoluble particles or hinder injection by blocking an intravenous needle. The bright color of the dye, when extracted, also has a psychologically deterrent effect on intravenous abusers.

CAS INDEXING IS AVAILABLE FOR THIS PATENT.

L6 ANSWER 5 OF 9 USPATFULL on STN

ACCESSION NUMBER: 2004:285859 USPATFULL
TITLE: Oral dosage forms with therapeutically active agents in controlled release cores and immediate release gelatin capsule coats
INVENTOR(S): Schoenhard, Grant L., San Carlos, CA, UNITED STATES

	NUMBER	KIND	DATE
PATENT INFORMATION:	US 2004224020	A1	20041111
APPLICATION INFO.:	US 2003-742672	A1	20031218 (10)

	NUMBER	DATE
PRIORITY INFORMATION:	US 2002-434839P	20021218 (60)
DOCUMENT TYPE:	Utility	
FILE SEGMENT:	APPLICATION	
LEGAL REPRESENTATIVE:	Janet M. McNicholas, McAndrews, Held & Malloy, Ltd., 34th Floor, 500 W. Madison Street, Chicago, IL, 60661	
NUMBER OF CLAIMS:	104	
EXEMPLARY CLAIM:	1	
NUMBER OF DRAWINGS:	3 Drawing Page(s)	
LINE COUNT:	3762	

CAS INDEXING IS AVAILABLE FOR THIS PATENT.

AB The present invention relates to **oral dosage form** with active agents in controlled release cores and in immediate release gelatin capsule coats.

CAS INDEXING IS AVAILABLE FOR THIS PATENT.

L6 ANSWER 6 OF 9 USPATFULL on STN

ACCESSION NUMBER: 2003:271539 USPATFULL

TITLE: **Opioid antagonist compositions and dosage forms**

INVENTOR(S): Sherman, Barry, Hillsborough, CA, UNITED STATES
Remien, Mary, San Francisco, CA, UNITED STATES
Barbier, Remi, San Francisco, CA, UNITED STATES
McGinity, James W., Austin, TX, UNITED STATES

NUMBER KIND DATE

PATENT INFORMATION: US 2003191147 A1 20031009

APPLICATION INFO.: US 2002-119615 A1 20020409 (10)

DOCUMENT TYPE: Utility

FILE SEGMENT: APPLICATION

LEGAL REPRESENTATIVE: MCANDREWS HELD & MALLOY, LTD, 500 WEST MADISON STREET, SUITE 3400, CHICAGO, IL, 60661

NUMBER OF CLAIMS: 171

EXEMPLARY CLAIM: 1

NUMBER OF DRAWINGS: 6 Drawing Page(s)

LINE COUNT: 3686

CAS INDEXING IS AVAILABLE FOR THIS PATENT.

AB The present invention is directed to novel dosage forms, pharmaceutical compositions, kits, and methods of administration of an **opioid antagonist** in an amount of at least about 0.0001 mg to about or less than about 1.0 mg, including from about 0.0001 mg to less than about 0.5 mg. Solid **oral dosage** forms are disclosed consisting essentially of an **opioid antagonist** or alternatively comprising an **opioid antagonist** and another active ingredient, such as an **opioid agonist**. Immediate release **oral dosage** forms are disclosed that release all or a substantial percentage of **opioid antagonist**, and another active ingredient when present, in a desired time. Concurrent release dosage forms are disclosed that provide concurrent release of an **opioid antagonist** and another active ingredient.

CAS INDEXING IS AVAILABLE FOR THIS PATENT.

L6 ANSWER 7 OF 9 USPATFULL on STN

ACCESSION NUMBER: 2003:257309 USPATFULL

TITLE: **Hydrophilic/ lipophilic polymeric matrix dosage formulation**

INVENTOR(S): Vergnault, Guy, Loechle, FRANCE
Grenier, Pascal, Kappelen, FRANCE
Maggi, Lauretta, Pavia, ITALY
Conte, Ubaldo, Busto Arsizio, ITALY

NUMBER KIND DATE

PATENT INFORMATION: US 2003180359 A1 20030925

APPLICATION INFO.: US 2003-257709 A1 20030310 (10)

WO 2001-GB1726 20010412

NUMBER DATE

PRIORITY INFORMATION: IT 2000-MI852 20000414

IT 2000-MI1963 20000907

DOCUMENT TYPE: Utility
FILE SEGMENT: APPLICATION
LEGAL REPRESENTATIVE: LEYDIG VOIT & MAYER, LTD, TWO PRUDENTIAL PLAZA, SUITE 4900, 180 NORTH STETSON AVENUE, CHICAGO, IL, 60601-6780
NUMBER OF CLAIMS: 33
EXEMPLARY CLAIM: 1
NUMBER OF DRAWINGS: 5 Drawing Page(s)
LINE COUNT: 2218
CAS INDEXING IS AVAILABLE FOR THIS PATENT.

AB An oral dosage form comprising a pharmaceutical tablet of one or more layers, one of which carries a biologically active substance; the formulation of said tablet includes different percentages of hydrophilic and lipophilic polymeric materials, and adjuvant substances. The tablets of the present invention show a release rate which is independent from the amounts of active substance present in the tablet.

CAS INDEXING IS AVAILABLE FOR THIS PATENT.

L6 ANSWER 8 OF 9 USPATFULL on STN
ACCESSION NUMBER: 2002:242824 USPATFULL
TITLE: Combined diffusion / osmotic pumping drug delivery system
INVENTOR(S): Faour, Joaquina, Buenos Aires, ARGENTINA

	NUMBER	KIND	DATE
PATENT INFORMATION:	US 2002132005	A1	20020919
	US 6753011	B2	20040622
APPLICATION INFO.:	US 2002-47915	A1	20020115 (10)
RELATED APPLN. INFO.:	Continuation-in-part of Ser. No. US 2000-483282, filed on 14 Jan 2000, GRANTED, Pat. No. US 6352721		

	NUMBER	DATE
PRIORITY INFORMATION:	WO 2001-US562	20010108
DOCUMENT TYPE:	Utility	
FILE SEGMENT:	APPLICATION	
LEGAL REPRESENTATIVE:	INNOVAR, LLC, P O BOX 250647, PLANO, TX, 75025	
NUMBER OF CLAIMS:	30	
EXEMPLARY CLAIM:	1	
NUMBER OF DRAWINGS:	4 Drawing Page(s)	
LINE COUNT:	1705	

CAS INDEXING IS AVAILABLE FOR THIS PATENT.

AB Delivery devices capable of delivering one or more active substances by diffusion through plural micropores in the membrane (4) or by osmotic pumping through one or more preformed passageways (5) in the membrane are provided. The device (1) has an about centrally located expandable core (2) completely surrounded by an active substance-containing layer (3), which is completely surrounded by the membrane. The device is capable of delivering insoluble, slightly soluble, sparingly soluble and very soluble active substances to an environment of use. The preferred delivery rate is zero order. The device can deliver an active substance for a period of about 12-24 hours.

CAS INDEXING IS AVAILABLE FOR THIS PATENT.

L6 ANSWER 9 OF 9 EPFULL COPYRIGHT 2005 EPO/FIZ KA on STN

ACCESSION NUMBER: 2002:9858 EPFULL
DATA UPDATE DATE: 20031119
DATA UPDATE WEEK: 200347
TITLE (ENGLISH): PHARMACEUTICAL COMPOSITIONS CONTAINING A COX-II

TITLE (FRENCH) : INHIBITOR AND A MUSCLE RELAXANT
 COMPOSITIONS PHARMACEUTIQUES CONTENANT UN INHIBITEUR DE
 COX-II ET UN RELAXANT MUSCULAIRE
 TITLE (GERMAN) : PHARMAZEUTISCHE ZUSAMMENSETZUNGEN MIT EINEM
 COX-II-HEMMER UND EINEM MUSKELRELAXANS
 INVENTOR(S) : FAOUR, Joaquina, Olleros 2312, 80B, 1426 Buenos Aires,
 AR; VERGEZ, Juan A., Uriburu 1316, Beccar, 1643 Buenos
 Aires, AR
 PATENT APPLICANT(S) : Osmotica Corp., c/o Alfaro, Ferrer & Ramirez (BVI)
 Limited, P.O. Box 915, R.G. Hodge Plaza, Second Floor,
 Upper Main Street, Road Town, Tortola, VG
 4003881
 PATENT APPL. NUMBER:
 AGENT: Weber, Thomas, Dr., et al, Patentanwaelte von
 Kreisler-Selting-Werner, Deichmannhaus am Dom,
 Bahnhofsvorplatz 1, 50667 Koeln, DE
 AGENT NUMBER: 75095
 LANGUAGE OF FILING: Spanish
 LANGUAGE OF PUBL.: English
 LANGUAGE OF PROCEDURE: English
 LANGUAGE OF TITLE: German; English; French
 DOCUMENT TYPE: Patent
 PATENT INFO TYPE: EPA2 Application published without search report
 PATENT INFORMATION:
 PATENT INFORMATION:
 PATENT INFORMATION:

	NUMBER	KIND	DATE
	NUMBER	KIND	DATE
	NUMBER	KIND	DATE

	EP 1362585	A2	20031119

	EP 1362585	A3	20021212

	WO 2002058620		20020801
DESIGNATED STATES:	AT BE CH CY DE DK ES FI FR GB GR IE IT LI LU MC NL PT SE TR		
APPLICATION INFO.:	EP 2002-711756	A	20020125
	WO 2002-CR1	A	20020125
PRIORITY INFO.:	US 2001-770901	A	20010126

ABEN

The present invention provides a pharmaceutical composition and dosage form containing in combination a COX-II inhibitor and a muscle relaxant. The pharmaceutical composition is useful for the treatment of pain and pain related disorders and symptoms. The combination provides an improved therapeutic response as compared to either drug alone. The pharmaceutical composition can be included in any dosage form.